STIC Search Report

EIC 2100

USPTO

TO: Laurence Shrader	From: David Holloway
Location: 5Y17	Location: EIC 2100
Art Unit : 2124	PK2-4B30
Tuesday, December 09, 2003	Phone: 308-7794
Case Serial Number: 09/718,371	david.holloway@uspto.gov

Search Notes

Dear Examiner Shrader,

Attached please find your search results for above-referenced case.
Please contact me if you have any questions or would like a re-focused search.

David

```
Set      Items    Description
S1         725    AUTOFILL? OR AUTOCOMPLETE? OR (AUTO OR INSTANT OR AUTOMATI-
                  C)()(FILL OR INPUT OR FILLIN OR FILLS OR FILLING OR INPUT? OR
                  IN()(PUT OR PUTTING) OR ENTRY OR ENTER? OR COMPLET?)
S2     9101231    FORM OR FORMS OR BLANK? ? OR QUESTION? OR RESPONS? OR FIEL-
                  D?
S3     1967418    SAVE? OR STORE? OR CACHE? OR COOKIE? OR RAM OR STORAGE? OR
                  BUFFER? OR MEMOR?
S4         197    PRODUCT()(KEY? ? OR NUMBER? OR SN OR ID OR IDENTIFIER? OR -
                  UPC)
S5      562938    VERSION? OR UPDAT? OR REINSTALL? OR RELOAD? OR RE()(INSTAL-
                  L? OR LOAD?) OR UP()(DATE OR DATES OR DATING)
S6           0    S1 AND S4
S7         106    S1 AND (ID OR IDENTIFIER? OR VERSION? OR KEY? ? OR NUMBER?
                  OR SN OR UPC)
S8           2    S2 AND S3 AND S4
S9          14    S1 AND S2 AND S5
S10         37    S7 AND (S2 OR S3 OR S4)
S11         31    S7 AND S5
S12         57    S10 OR S11 OR S8 OR S9
S13         54    RD (unique items)
S14         50    S13 NOT PY>2001
File     8:Ei Compendex(R) 1970-2003/Nov W5
            (c) 2003 Elsevier Eng.  Info. Inc.
File    35:Dissertation Abs Online 1861-2003/Oct
            (c) 2003 ProQuest Info&Learning
File   202:Info. Sci. & Tech. Abs. 1966-2003/Nov 17
            (c) 2003 EBSCO Publishing
File    65:Inside Conferences 1993-2003/Dec W1
            (c) 2003 BLDSC all rts. reserv.
File     2:INSPEC 1969-2003/Nov W5
            (c) 2003 Institution of Electrical Engineers
File    94:JICST-EPlus 1985-2003/Dec W1
            (c)2003 Japan Science and Tech Corp(JST)
File   111:TGG Natl.Newspaper Index(SM) 1979-2003/Dec 08
            (c) 2003 The Gale Group
File   233:Internet & Personal Comp. Abs. 1981-2003/Jul
            (c) 2003, EBSCO Pub.
File   144:Pascal 1973-2003/Nov W5
            (c) 2003 INIST/CNRS
File    34:SciSearch(R) Cited Ref Sci 1990-2003/Nov W5
            (c) 2003 Inst for Sci Info
File    99:Wilson Appl. Sci & Tech Abs 1983-2003/Oct
            (c) 2003 The HW Wilson Co.
File    95:TEME-Technology & Management 1989-2003/Nov W3
            (c) 2003 FIZ TECHNIK
```

DIALOG(R)File   2:INSPEC

03232079   INSPEC Abstract Number: D88002766
 Title: Top form
  Author(s): Campbell, H.
  Journal: Office Equipment and Methods   vol.34, no.5   p.44
  Publication Date: June 1988   Country of Publication: Canada
  CODEN: OFEMA9 ISSN: 0709-5228
  Language: English   Document Type: Journal Paper (JP)
  Treatment: Applications (A); General, Review (G)
  Abstract: FormPerfect may be just the excuse needed to rid your automated
office of its age-old typewriter. FormPerfect is a **forms** processing
package which allows you to create standard office **forms** on your
microcomputer for **automatic**   **fill** -in at a later date. Essentially, these
are standard templates or style sheets. **Forms** can even be shared among
licensed users, although a network **version**   of FormPerfect is not
currently available. There is no relation to (or integration with)
WordPerfect word processing software. (0 Refs)
  Subfile: D
  Descriptors: office automation; software packages
  Identifiers: stationery; FormPerfect; **forms** processing package;
standard office **forms** ; microcomputer; standard templates; style sheets;
licensed users
  Class Codes: D5040 (Supplies, stationery and storage media

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Set      Items    Description
S1        1344    AUTOFILL? OR AUTOCOMPLETE? OR (AUTO OR INSTANT OR AUTOMATI-
                  C)()(FILL OR INPUT OR FILLIN OR FILLS OR FILLING OR INPUT? OR
                  IN()(PUT OR PUTTING) OR ENTRY OR ENTER? OR COMPLET?)
S2     1442475    FORM OR FORMS OR BLANK? ? OR QUESTION? OR RESPONS? OR FIEL-
                  D?
S3      713412    SAVE? OR STORE? OR CACHE? OR COOKIE? OR RAM OR STORAGE? OR
                  BUFFER? OR MEMOR?
S4        3623    PRODUCT()(KEY? ? OR NUMBER? OR SN OR ID OR IDENTIFIER? OR -
                  UPC)
S5      208013    VERSION? OR UPDAT? OR REINSTALL? OR RE()INSTALL? OR UP()(D-
                  ATE OR DATES OR DATING)
S6         553    S5 AND S1
S7          16    S5(10N)S1
S8         277    S2(S)S4(S)S5
S9         193    (S3 OR ONSCREEN? OR SCREEN? OR DISPLAY?)(S)S8
S10          7    S1(S)S2(S)S4
S11         23    S2(15N)S4(15N)S5(15N)(S3 OR ONSCREEN? OR SCREEN? OR DISPLA-
                  Y?)
S12         45    S7 OR S10 OR S11
S13         27    S12 AND IC=(G06F? OR H04L?)
S14         12    S13 NOT AD>20001124
File 348:EUROPEAN PATENTS 1978-2003/Nov W05
         (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20031203,UT=20031127
         (c) 2003 WIPO/Univentio
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European +
PCT
Files

DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00495610
Method and system for version control of engineering changes.
Verfahren und System fur Versionskontrolle und technischen Veranderungen.
Methode et systeme de controle de la version de modifications techniques.
PATENT ASSIGNEE:
  INTERNATIONAL BUSINESS MACHINES CORPORATION, (200123),   , Armonk, NY
    10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
  Mukherjee, Sujan K., 1025 Laurel Mill Drive, Roswell, Georgia 30076, (US)
  Ryan, James Lawrence, 107 Rondak Circle, Smyrna, Georgia 30080, (US)
  Wason, James Richard, Rural Route 1, Box 155, Tuxedo, New York 10987,
    (US)
LEGAL REPRESENTATIVE:
  Bonneau, Gerard et al (14162), Compagnie IBM France Departement de
    Propriete Industrielle, F-06610 La Gaude, (FR)
PATENT (CC, No, Kind, Date): EP 483039 A2 920429 (Basic)
                              EP 483039 A3 930825
APPLICATION (CC, No, Date):   EP 91480158 911010;
PRIORITY (CC, No, Date): US 602600 901024
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: **G06F-015/24**
CITED PATENTS (EP A): WO 8600735 A; EP 323382 A
CITED REFERENCES (EP A):
  PROCEEDINGS. OF THE SECOND INTERNATIONAL CONFERENCE ON INDUSTRIAL AND
    ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE AND EXPERT SYSTEMS.
    vol. 2, 1989, ACM, NEW YORK, USA pages 779 - 784 S. RANA & S. TANEJA
    'Version support for manufacturing database systems'
  UNIX REVIEW vol. 6, no. 5, May 1988, pages 48 - 59 WON KIM ET AL. 'Merged
    Models (CAD/CAM)'
  IBM TECHNICAL DISCLOSURE BULLETIN. vol. 33, no. 3A, August 1990, ARMONK
    US pages 179 - 180 , XP000123892 'PEP Bill(s) of Material Worksheet';

ABSTRACT EP 483039 A2
  A system and method for storage and retrieval of both time-oriented
versions and view-oriented versions of engineering change information in
which the engineering change information progresses through a set of
status conditions and access to the data by different user groups is
conditioned upon the status of the information. Version control software
logic enables users to create versioned objects by logical key grouping
of data elements. The version control logic acts upon the logical keys
and special versioned attributes of these objects for the proper
specification and selection of object instances during creation, update
or retrieval processing. Insert and extract sequence numbers are
automatically generated for both historical preservation of previous
engineering change information and efficient retrieval of the currently
effective designs. Instance level security facilitates the merger of
different versions of the engineering change data having different
engineering change status levels so that similar types of data can be
contained within a single data base table. (see image in original
document)
ABSTRACT WORD COUNT: 164

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Application: 920429 A2 Published application (A1with Search Report
                            ;A2without Search Report)
  Examination: 921014 A2 Date of filing of request for examination:
                            920817
  Search Report: 930825 A3 Separate publication of the European or
                            International search report
  Examination: 961218 A2 Date of despatch of first examination report:
                            961031
  Withdrawal: 970903 A2 Date on which the European patent application
                            was deemed to be withdrawn: 970311
LANGUAGE (Publication,Procedural,Application): English; English; English

...CLAIMS and storing the affected item record in an affected item file on the non-volatile **storage** device;
   determining each versioned data object that is affected by the engineering change and storing...

...plurality of version control attributes in a version-related data file on said non-volatile **storage** device; and
   processing said a **version** -related data file in **response** to a search query by an authorized user.
2. The method of claim 1 wherein...

...an item identifier, an affected item status, a view identifier, a design sequence number, a **product** **identifier** , a security level, and at least one effectivity attribute.
3. The method of claim 1 wherein said plurality of **version** control attributes include a logical key, an insert sequence number, and an extract sequence number.
4. The method of claim 3 in which said **versioned** data object is item-related and **stored** in said version-related data file with the item identifier being used as the logical...

00376923
STRUCTURED FOCUSED HYPERTEXT DATA STRUCTURE
STRUCTURE DE DONNEES HYPERTEXTE ARTICULEE SUR LA STRUCTURATION

Patent Applicant/Assignee:
  HYPERMED LTD,
  OREN Avraham,
  OLCHA Lev,
  KOWALSKI Nahum,
  MARGULYAN Rita,
Inventor(s):
  OREN Avraham,
  OLCHA Lev,
  KOWALSKI Nahum,
  MARGULYAN Rita,

English Abstract
  A hypertexted data structure (3/16) stored on a computer readable memory
  device and organized in a hierarchy of at least two levels, the data
  structure comprising: a plurality of data units (18-20) positioned at
  different levels in the hierarchy each containing at least some textual
  information (23) and a plurality of hypertext links (1) each linking at
  least part of the textual information in a given source data unit to a
  target data unit; wherein at least one of the hypertext links (1) is
  linked to at least one hypertext node (34) which contains information
  relating at least to both the given source data unit and the target data
  unit from which the relative positions in the hierarchy of the given
  source and target data units linked by the hypertext link may be
  determined.

French Abstract
  La presente invention concerne une structure de donnees en format
  hypertexte (3/16) stockees dans une memoire lisible par ordinateur et
  organisee selon une hierarchie comportant au moins deux niveaux. Cette
  structure de donnees est constituee, d'une part de plusieurs unites de
  donnees (18-20) se placant a differents niveaux de la hierarchie, chacune
  de ces unites de donnees contenant au moins quelques donnees textuelles
  (23), et d'autre part, d'un jeu de liens hypertexte (1), chacun de ces
  liens reliant au moins une partie de l'information textuelle d'une unite
  de donnees origine specifique a une unite de donnees cible. L'un au moins
  des liens hypertexte (1) est relie a l'un au moins des noeuds hypertexte
  (34) qui contient des donnees se rapportant au moins a la fois a l'unite
  de donnees origine specifique et a l'unite de donnees cible a partir de
  laquelle il est possible de determiner des positions relatives dans la
  hierarchie. Ces positions relatives sont celles des unites de donnees
  origine et cible reliees par le lien hypertexte.

Main International Patent Class: **G06F-017/30**

International Patent Class: **G06F-17:21**

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Set      Items    Description
S1        1693    AUTOFILL? OR AUTOCOMPLETE? OR (AUTO OR INSTANT OR AUTOMATI-
                  C)()(FILL OR INPUT OR FILLIN OR FILLS OR FILLING OR INPUT? OR
                  IN()(PUT OR PUTTING) OR ENTRY OR ENTER? OR COMPLET?)
S2     3451891    FORM OR FORMS OR BLANK? ? OR QUESTION? OR RESPONS? OR FIEL-
                  D?
S3     2253304    SAVE? OR STORE? OR CACHE? OR COOKIE? OR RAM OR STORAGE? OR
                  BUFFER? OR MEMOR?
S4         858    PRODUCT()(KEY? ? OR NUMBER? OR SN OR ID OR IDENTIFIER? OR -
                  UPC)
S5      100703    VERSION? OR UPDAT? OR REINSTALL? OR RE()INSTALL? OR UP()(D-
                  ATE OR DATES OR DATING)
S6           0    S1 AND S2 AND S3 AND S4
S7           0    S1 AND S2 AND S4
S8           0    S1 AND S4
S9         293    S1 AND S2
S10        348    S3 AND S4
S11         22    S1 AND S5
S12         22    IDPAT (sorted in duplicate/non-duplicate order)
S13         22    IDPAT (primary/non-duplicate records only)
S14        120    S1 AND (COPYRIGHT? OR LICENS?)
S15         25    S14 AND (S2 OR ONSCREEN? OR SCREEN? OR MENU)
S16         24    S15 NOT S11
S17          8    S16 AND IC=(G06F? OR H04L?)
S18          8    IDPAT (sorted in duplicate/non-duplicate order)
S19          8    IDPAT (primary/non-duplicate records only)
S20         18    S1(3N)S2
S21          1    S20 AND IC=H04L?
S22         11    S20 AND IC=G06F?
S23         12    S21 OR S22
S24         10    S23 NOT (S16 OR S11)
S25         10    IDPAT (sorted in duplicate/non-duplicate order)
S26         10    IDPAT (primary/non-duplicate records only)
File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)
        (c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200379
        (c) 2003  Thomson Derwent
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Foreign
Patent
Database

015356428   **Image available**
WPI Acc No: 2003-417366/200339
XRPX Acc No: N03-332779
   **Automatic user information input method for electronic form filling,
   involves** updating **stored user information and entered form information
   based on manual user input**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: PLOW G M; POURMIRZAIE F E
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20030028792 A1   20030206 US 2001922196   A   20010802 200339 B

Priority Applications (No Type Date): US 2001922196 A 20010802
Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
US 20030028792 A1   9 H04L-009/32

Abstract (Basic): US 20030028792 A1
      NOVELTY - The user information from memory is retrieved based on
   the form request from user and accordingly the retrieved information is
   entered in the form automatically. Based on the manual input of user
   information, the stored user information is **updated** and accordingly
   the information entered in the form is changed.
      DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
   following:
      (1) automatic user information input system;
      (2) computer program device for electronic form filling; and
      (3) electronic form filling method.
      USE - For **automatic input** of user information in electronic
   forms used in various online services e.g. goods purchasing through
   Internet.
      ADVANTAGE - Eliminates need for manual entry due to automated
   processing thereby reduces transaction time and user's burden.
      DESCRIPTION OF DRAWING(S) - The figure shows a flow chart
   representing automatic information input routine.
      pp; 9 DwgNo 2/4
Title Terms: AUTOMATIC; USER; INFORMATION; INPUT; METHOD; ELECTRONIC; FORM;
   FILL; **UPDATE** ; STORAGE; USER; INFORMATION; ENTER; FORM; INFORMATION;
   BASED; MANUAL; USER; INPUT
Derwent Class: T01
International Patent Class (Main): H04L-009/32
File Segment: EPI

13/5/6   (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013991561   **Image available**
WPI Acc No: 2001-475776/200151
XRPX Acc No: N01-352173
Web page form field automatic filling **apparatus for Internet web site
transactions, maintaining consumer data in centralized database according
to user privacy preference**
Patent Assignee: INFOSPACE INC (INFO-N)
Inventor: HARIDAS R; MARKUS M A
Number of Countries: 023 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200145022	A2	20010621	WO 2000US41802	A	20001102	200151	B
AU 200149019	A	20010625	AU 200149019	A	20001102	200162	

Priority Applications (No Type Date): US 99434339 A 19991105
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200145022	A2	E	25	G06F-017/60	

    Designated States (National): AU BR IN JP
    Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
    MC NL PT SE TR

AU 200149019	A			G06F-017/60	Based on patent WO 200145022

Abstract (Basic): WO 200145022 A2
     NOVELTY - Apparatus includes a centralized server, which accesses
  data store (416), a portal server, merchant server, and customer which
  register with centralized server. The customer (424,426) accesses a
  form presented by the merchant server and customer data is retrieved
  from data store and used to partially fill appropriate forms. Merchant
  server registers and **updates** forms with the centralized server.
  Customer can control privacy preferences through the central server
  computer (406).
     DETAILED DESCRIPTION - AN INDEPENDENT CLAIM is made for a method of
  providing at least a partial completion of fields associated with a
  form offered via a web page on an Internet web site.
     USE - For providing automatic form filling for Internet related
  transactions.
     ADVANTAGE - Enables automation of form filling and uses centralized
  data arranged according to user privacy preferences. Allows for
  continual **updating** and aggregation of information relating to a
  particular user.
     DESCRIPTION OF DRAWING(S) - Drawing illustrates a representative
  block diagram of a centralized form filling server applied to a portal,
  merchant, and customers.
     Central server computer (406)
     Data store (416)
     Customer (424,426)
     pp; 25 DwgNo 4/6
Title Terms: WEB; PAGE; FORM; FIELD; AUTOMATIC; FILL; APPARATUS; WEB; SITE;
  TRANSACTION; MAINTAIN; CONSUME; DATA; DATABASE; ACCORD; USER; PRIVATE;
  PREFER
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

07605409   **Image available**
METHOD AND DEVICE FOR **AUTOMATIC   INPUT** FORM GENERATION

PUB. NO.:   2003-099255 [JP 2003099255 A]
PUBLISHED: April 04, 2003 (20030404)
INVENTOR(s):   NISHIMURA TORU
                YURA SHUNSUKE
                NOSE MASAYOSHI
APPLICANT(s):   NIPPON TELEGR & TELEPH CORP (NTT)
APPL. NO.:   2001-292270 [JP 20011292270]
FILED: September 25, 2001 (20010925)
INTL CLASS: G06F-009/44

ABSTRACT
PROBLEM TO BE SOLVED: To provide an **automatic   input** form generating
method which can lower application structuring costs when a structure
itself of information items managed by a back-end system is newly generated
or **updated** .

SOLUTION: The device is equipped with a generator 15 automatically
generating an input application 18 for receiving a process request for the
registration, etc., of information managed by the back-end system 11 from a
client terminal 12 and an input data operation part 19 which receives and
converts the process request that the input application 18 receives into a
data structure defined in a structure definition file 16 and passes it to
the back-end system 11, and the automatically generated input application
18 and input data operation part 19 operate associatively with execution
environment 20.

07656688 **Image available**
DATA INPUT DEVICE AND INPUT METHOD TO DATA INPUT **FORM**

ABSTRACT

PROBLEM TO BE SOLVED: To provide a data input device capable of speeding up **automatic input** processing by reducing the memory use quantity of a retrieval processing part for attribute names.

SOLUTION: An attribute for indicating the kind of information inputted to a **form** is newly added to an attribute of **form** tag in the content. An attribute name retrieving part 13 on a client machine 1 retrieves the attribute name coincident with an attribute value designated in the attribute from a user information storage part 16, and automatically inputs the attribute value to the corresponding **form** when there is a coincident attribute name. When there is not coincident attribute name, after a user inputs data to the corresponding **form**, an attribute name adding part 15 newly registers the attribute value and user input data in the user information storage device 16 as a set, and can automatically input the same attribute value at designated time on an after next time.

DIALOG(R)File 347:JAPIO
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06504461 **Image available**
INPUT SUPPORT SYSTEM

PUB. NO.: 2000-090177 [JP 2000090177 A]
PUBLISHED: March 31, 2000 (20000331)
INVENTOR(s): KAWAMURA ATSUSHI
APPLICANT(s): TOSHIBA CORP
APPL. NO.: 10-257284 [JP 98257284]
FILED: September 10, 1998 (19980910)
INTL CLASS: **G06F-019/00 ; G06F-011/28 ; G06F-017/60**

ABSTRACT
PROBLEM TO BE SOLVED: To reduce input operation at the time of a test and
to conduct the test almost completely by reflecting data on the **field** on
system alteration.

SOLUTION: An **automatic entry** system as the system is equipped with a
storage file 3 storing data for actual operation and a data file 6 storing
data for testing. Further, the system is equipped with a data converting
tool 8 which prepares an information file 9 and a VCAST (tabulation support
utility) file 10 by converting the data of those files 3 and 6, an
automatic entry data preparing part 11 which preparing **automatic
entry** data for input to a newly altered **screen** from the data of the
information file 9 and VCAST file 10 and stores the data in an **automatic
entry** data file 12, and an **automatic entry** part 13 which
automatically enters the data into the **screen** by using the data of the
automatic entry data file 12 and stores error information in an error
information file 15.

```
Set      Items   Description
S1        1693   AUTOFILL? OR AUTOCOMPLETE? OR (AUTO OR INSTANT OR AUTOMATI-
                 C)()(FILL OR INPUT OR FILLIN OR FILLS OR FILLING OR INPUT? OR
                 IN()(PUT OR PUTTING) OR ENTRY OR ENTER? OR COMPLET?)
S2      3451891  FORM OR FORMS OR BLANK? ? OR QUESTION? OR RESPONS? OR FIEL-
                 D?
S3      2253304  SAVE? OR STORE? OR CACHE? OR COOKIE? OR RAM OR STORAGE? OR
                 BUFFER? OR MEMOR?
S4         858   PRODUCT()(KEY? ? OR NUMBER? OR SN OR ID OR IDENTIFIER? OR -
                 UPC)
S5       100703  VERSION? OR UPDAT? OR REINSTALL? OR RE()INSTALL? OR UP()(D-
                 ATE OR DATES OR DATING)
S6           0   S1 AND S2 AND S3 AND S4
S7           0   S1 AND S2 AND S4
S8           0   S1 AND S4
S9         293   S1 AND S2
S10        348   S3 AND S4
S11         22   S1 AND S5
S12         22   IDPAT (sorted in duplicate/non-duplicate order)
S13         22   IDPAT (primary/non-duplicate records only)
S14        120   S1 AND (COPYRIGHT? OR LICENS?)
S15         25   S14 AND (S2 OR ONSCREEN? OR SCREEN? OR MENU)
S16         24   S15 NOT S11
S17          8   S16 AND IC=(G06F? OR H04L?)
S18          8   IDPAT (sorted in duplicate/non-duplicate order)
S19          8   IDPAT (primary/non-duplicate records only)
S20         18   S1(3N)S2
S21          1   S20 AND IC=H04L?
S22         11   S20 AND IC=G06F?
S23         12   S21 OR S22
S24         10   S23 NOT (S16 OR S11)
S25         10   IDPAT (sorted in duplicate/non-duplicate order)
S26         10   IDPAT (primary/non-duplicate records only)
File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)
        (c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200379
        (c) 2003  Thomson Derwen
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Set      Items    Description
S1        1693    AUTOFILL? OR AUTOCOMPLETE? OR (AUTO OR INSTANT OR AUTOMATI-
                  C)()(FILL OR INPUT OR FILLIN OR FILLS OR FILLING OR INPUT? OR
                  IN()(PUT OR PUTTING) OR ENTRY OR ENTER? OR COMPLET?)
S2     3451891    FORM OR FORMS OR BLANK? ? OR QUESTION? OR RESPONS? OR FIEL-
                  D?
S3     2253304    SAVE? OR STORE? OR CACHE? OR COOKIE? OR RAM OR STORAGE? OR
                  BUFFER? OR MEMOR?
S4         858    PRODUCT()(KEY? ? OR NUMBER? OR SN OR ID OR IDENTIFIER? OR -
                  UPC)
S5      100703    VERSION? OR UPDAT? OR REINSTALL? OR RE()INSTALL? OR UP()(D-
                  ATE OR DATES OR DATING)
S6           0    S1 AND S2 AND S3 AND S4
S7           0    S1 AND S2 AND S4
S8           0    S1 AND S4
S9         293    S1 AND S2
S10        348    S3 AND S4
S11         22    S1 AND S5
S12         22    IDPAT (sorted in duplicate/non-duplicate order)
S13         22    IDPAT (primary/non-duplicate records only)
S14        120    S1 AND (COPYRIGHT? OR LICENS?)
S15         25    S14 AND (S2 OR ONSCREEN? OR SCREEN? OR MENU)
S16         24    S15 NOT S11
S17          8    S16 AND IC=(G06F? OR H04L?)
S18          8    IDPAT (sorted in duplicate/non-duplicate order)
S19          8    IDPAT (primary/non-duplicate records only)
S20         18    S1(3N)S2
S21          1    S20 AND IC=H04L?
S22         11    S20 AND IC=G06F?
S23         12    S21 OR S22
S24         10    S23 NOT (S16 OR S11)
S25         10    IDPAT (sorted in duplicate/non-duplicate order)
S26         10    IDPAT (primary/non-duplicate records only)
File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)
         (c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200379
         (c) 2003  Thomson Derwen
```

DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

015266706   **Image available**
WPI Acc No: 2003-327635/200331
Related WPI Acc No: 2001-536095
XRPX Acc No: N03-261916
   Online form filling method involves decoding location identifier, form
   location, user identifier at selective proxy server which requests online
   form from form-originating server for processing
Patent Assignee: INFOSPACE INC (INFO-N)
Inventor: MARKUS M A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6499042	B1	20021224	US 98103379	P	19981007	200331	B
			US 99411478	A	19991001		

Priority Applications (No Type Date): US 98103379 P 19981007; US 99411478 A
   19991001
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6499042	B1		6	G06F-017/21	Provisional application US 98103379

Abstract (Basic): US 6499042 B1
      NOVELTY - The location identifier such as URL of a form-originating
   server, a form location and a user identifier received from a client,
   is decoded at a selective proxy server which requests the
   form-originating server to provide the online form. Data associated
   with user is inserted into the fields identified from the form by
   parsing the form, using user identifier after which the online form is
   transmitted to the client.
      DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
   following:
      (1) selective proxy server;
      (2) electronic form processing method;
      (3) computer readable medium storing electronic form processing
   program; and
      (4) computer system for processing electronic form.
      USE - For automatically filling in electronic form online with
   user's personal data.
      ADVANTAGE - By using the selective proxy approach to fill in
   documents containing form elements, the documents forms are filled
   without the need for upgrading document browser and document server
   software modules, hence allows an entity to automatically release
   personal data to other entities connected through computer network.
      DESCRIPTION OF DRAWING(S) - The figure shows the sequence diagram
   of the software components in which the selective proxy form filling
   process is executed to accomplish a **form   autofill** .
      pp; 6 DwgNo 3/3
Title Terms: FORM; FILL; METHOD; DECODE; LOCATE; IDENTIFY; FORM; LOCATE;
   USER; IDENTIFY; SELECT; SERVE; REQUEST; FORM; FORM; ORIGIN; SERVE;
   PROCESS
Derwent Class: T01
International Patent Class (Main): **G06F-017/21**
File Segment: EPI

014648714   **Image available**
WPI Acc No: 2002-469418/200250
XRPX Acc No: N02-370539
   Automatic   input **system for electronic** form , **acquires electronic
form from database based on designation of user so that acquired
electronic form contains specific registration data acquired from
registration database**
Patent Assignee: DAINIPPON PRINTING CO LTD (NIPQ)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 2002150207 A   20020524 JP 2000340520   A   20001108 200250 B

Priority Applications (No Type Date): JP 2000340520 A 20001108
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 2002150207 A   7 G06F-019/00

Abstract (Basic): JP 2002150207 A
     NOVELTY - An electronic form with specified format and input data
   are stored respectively in an electronic form database (3) and a
   registration database (2). An electronic form is acquired from the
   database based on the designation of user, so that the acquired form
   contains the specific registration data acquired from the registration
   database.
     USE - **Automatic** **input** system for electronic **form .**
     ADVANTAGE - Saves energy and time of document production.
     DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
   an electronic input system.
     Registration database (2)
     Electronic form database (3)
     pp; 7 DwgNo 1/9
Title Terms: AUTOMATIC; INPUT; SYSTEM; ELECTRONIC; FORM; ACQUIRE;
   ELECTRONIC; FORM; DATABASE; BASED; DESIGNATED; USER; SO; ACQUIRE;
   ELECTRONIC; FORM; CONTAIN; SPECIFIC; REGISTER; DATA; ACQUIRE; REGISTER;
   DATABASE
Derwent Class: T01
International Patent Class (Main): **G06F-019/00**
International Patent Class (Additional): **G06F-017/30**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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013507189   **Image available**
WPI Acc No: 2000-679133/200066
XRPX Acc No: N00-502791
   **Client side automatic electronic form completion involves linking user
   computer to personal information server for acquiring personal
   information module upon executing which electronic form gets filled**
Patent Assignee: INFOSPACE INC (INFO-N)
Inventor: HERRARTE E M; MARKUS M A
Number of Countries: 091 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200042540	A2	20000720	WO 2000US1031	A	20000114	200066	B
AU 200024145	A	20000801	AU 200024145	A	20000114	200066	
EP 1159695	A2	20011205	EP 2000902426	A	20000114	200203	
			WO 2000US1031	A	20000114		
BR 200007517	A	20020129	BR 20007517	A	20000114	200211	
			WO 2000US1031	A	20000114		
JP 2002535754	W	20021022	JP 2000594047	A	20000114	200301	
			WO 2000US1031	A	20000114		

Priority Applications (No Type Date): US 99231254 A 19990115
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200042540	A2	E	43	G06F-017/60	

   Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
   CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
   KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
   SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
AU 200024145	A			G06F-017/60	Based on patent WO 200042540
EP 1159695	A2	E		G06F-017/60	Based on patent WO 200042540

   Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
   LU MC NL PT SE

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
BR 200007517	A			G06F-017/60	Based on patent WO 200042540
JP 2002535754	W		87	G06F-019/00	Based on patent WO 200042540

Abstract (Basic): WO 200042540 A2
      NOVELTY - The electronic form is downloaded from a remote webserver
   using a program in user computer. The user computer is then linked to a
   personal information server for acquiring personal information module.
   The acquired module is executed at the user computer to fill in the
   multiple fields of electronic form.
      DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
   electronic form completion system.
      USE - For remote server-based applications.
      ADVANTAGE - The method enables quickly filling in the electronic
   form.
      DESCRIPTION OF DRAWING(S) - The figure shows the electronic **form
   automatic   filling** system.
      pp; 43 DwgNo 1/9
Title Terms: CLIENT; SIDE; AUTOMATIC; ELECTRONIC; FORM; COMPLETE; LINK;
   USER; COMPUTER; PERSON; INFORMATION; SERVE; ACQUIRE; PERSON; INFORMATION;
   MODULE; EXECUTE; ELECTRONIC; FORM; FILLED
Derwent Class: T01
International Patent Class (Main): **G06F-017/60 ; G06F-019/00**
International Patent Class (Additional): **G06F-012/00**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

010642926   **Image available**
WPI Acc No: 1996-139880/199614
XRPX Acc No: N96-117137
   Automatic   completion **method for electronic** form   **on data input
   screen - associating alphanumeric string entered into each field of
   screen with identification number, and storing sequence of identification
   strings representing screen for automatic completion of later screens at
   users command**
Patent Assignee: WALL DATA INC (WALL-N)
Inventor: BARNES T A; JENNY P D; LEMIRE J P; MORTENSEN M A
Number of Countries: 064 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9605567	A1	19960222	WO 95US9992	A	19950807	199614	B
AU 9532403	A	19960307	AU 9532403	A	19950807	199624	
US 5682538	A	19971028	US 94289911	A	19940812	199749	

Priority Applications (No Type Date): US 94289911 A 19940812
Cited Patents: JP 60252942; US 4939689; US 5222211; US 5224038; US 5263174;
  US 5299305; US 5367619
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9605567	A1	E	22	G06F-019/00	

   Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE
   ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ
   PL PT RO RU SD SE SG SI SK TJ TM TT UA UG UZ VN
   Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC
   MW NL OA PT SD SE SZ UG

| AU 9532403 | A | | | G06F-019/00 | Based on patent WO 9605567 |
| US 5682538 | A | | 35 | G06T-001/00 | |

Abstract (Basic): WO 9605567 A
      The method involves automatically completing of a computer
   generated screen (17) including a number of fields
   (19,21,23,25,27a-27d,29a-29d,31a-31d,33a-33d,35a-35d). As the user
   completes each field in the screen with an alphanumeric string, the
   string is associated with an identification number. The alphanumeric
   string entries in the fields of the screen can be represented as a
   sequence of identification strings. As each screen is completed by the
   user, a sequence of identification strings representing the screen are
   generated. The rows are stored in memory and are used to automatically
   complete later screens at the user's command.
      When a user wishes to automatically complete the screen, the fields
   of the current screen that contain alphanumeric strings are analysed.
   Once all the fields have been analysed and a sequence of identification
   numbers formed, the sequence of identification numbers for the current
   screen is compared to the sequences of identification numbers for prior
   screens.
      USE/ADVANTAGE - Automatic adaptive computer screen generation for
   automatically completing computer screen based upon past history of
   computer screens input by user.
      Dwg.3/61
Title Terms: AUTOMATIC; COMPLETE; METHOD; ELECTRONIC; FORM; DATA; INPUT;
  SCREEN; ASSOCIATE; ALPHANUMERIC; STRING; ENTER; FIELD; SCREEN; IDENTIFY;
  NUMBER; STORAGE; SEQUENCE; IDENTIFY; STRING; REPRESENT; SCREEN; AUTOMATIC
  ; COMPLETE; LATE; SCREEN; USER; COMMAND
Derwent Class: T01
International Patent Class (Main): **G06F-019/00** ; G06T-001/00
File Segment: EPI

02741270   **Image available**
ELECTRONIC CUTFORM SYSTEM

ABSTRACT

PURPOSE: To increase the correctness of input data and, simultaneously, to
decrease the   load of a business form writing person by defining the
attribute of a publisher item to an arbitrary field at the time of
designing a business **form** and **automatic - inputting** data corresponding
to the item at the time of writing said form.

CONSTITUTION: A user logs on to an integrated office system 11 by the ID of
his own and activates an electron cutform system 12. When the user
designates the business form of a commuter pass purchasing application
form, a business form data preparing part 6 reads in a business form
definition designated by a business form definition storing part 3 and
displays it on a CRT display 7. At such a time, the preparing part 6 reads
in and automatic-inputs the data of the user from a user office environment
file 5 to the item in which the attribute of the publisher item is defined.
To the name of the publisher, the name of a publisher belonging department
and a publisher belonging division 17 mail number, a full name 24 of the
user, a belonging department and the mail number are automatic-inputted and
displayed respectively. To a publishing date, the date of the very day is
read in, automatic-inputted and displayed by a date generator 4

```
Set      Items    Description
S1          61    AUTOFILL? OR AUTOCOMPLETE? OR (AUTO OR INSTANT OR AUTOMATI-
                  C)()(FILL OR INPUT OR FILLIN OR FILLS OR FILLING OR INPUT? OR
                  IN()(PUT OR PUTTING) OR ENTRY OR ENTER? OR COMPLET?)
S2       15821    FORM OR FORMS OR BLANK? ? OR QUESTION? OR RESPONS? OR FIEL-
                  D?
S3       20064    SAVE? OR STORE? OR CACHE? OR COOKIE? OR RAM OR STORAGE? OR
                  BUFFER? OR MEMOR?
S4          31    (PRODUCT OR LICENS?)()(KEY? ? OR NUMBER? OR SN OR ID OR ID-
                  ENTIFIER? OR UPC)
S5       19127    VERSION? OR UPDAT? OR REINSTALL? OR RE()INSTALL? OR UP()(D-
                  ATE OR DATES OR DATING)
S6           0    S1 AND S4
S7           2    S2 AND S3 AND S4
S8           3    S2 AND S4
S9           0    S8 AND S5
File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Nov
         (c)2003 Info.Sources Inc
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Set       Items    Description
S1        4771     AUTOFILL? OR AUTOCOMPLETE? OR (AUTO OR INSTANT OR AUTOMATI-
                   C)()(FILL OR INPUT OR FILLIN OR FILLS OR FILLING OR INPUT? OR
                   IN()(PUT OR PUTTING) OR ENTRY OR ENTER? OR COMPLET?)
S2        7288794  FORM OR FORMS OR BLANK? ? OR QUESTION? OR RESPONS? OR FIEL-
                   D?
S3        5207605  SAVE? OR STORE? OR CACHE? OR COOKIE? OR RAM OR STORAGE? OR
                   BUFFER? OR MEMOR?
S4        14871    (PRODUCT OR LICENS?)()(KEY? ? OR NUMBER? OR SN OR ID OR ID-
                   ENTIFIER? OR UPC)
S5        2800030  VERSION? OR UPDAT? OR REINSTALL? OR RE()INSTALL? OR UP()(D-
                   ATE OR DATES OR DATING)
S6        0        S1(10N)S4
S7        29       S2(10N)S3(10N)S4
S8        73       S1(10N)S2(10N)(S5 OR LICENS?)
S9        102      S7 OR S8
S10       64       RD (unique items)
S11       53       S10 NOT PY>2001
S12       52       S11 NOT PD>20011124
File 148:Gale Group Trade & Industry DB 1976-2003/Dec 08
         (c)2003 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 610:Business Wire 1999-2003/Dec 09
         (c) 2003 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File   9:Business & Industry(R) Jul/1994-2003/Dec 08
         (c) 2003 Resp. DB Svcs.
File  15:ABI/Inform(R) 1971-2003/Dec 08
         (c) 2003 ProQuest Info&Learning
File 674:Computer News Fulltext 1989-2003/Dec W1
         (c) 2003 IDG Communications
File 647:CMP  Computer Fulltext 1988-2003/Dec W1
         (c) 2003 CMP Media, L
File 275:Gale Group Computer D
         (c) 2003 The Gale Gro     Full Text
File  16:Gale Group PROMT(R) 1
         (c) 2003 The Gale Gro
                                   Database
```

12/3,K/52   (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

02094143   Supplier Number: 42711484   (USE FORMAT 7 FOR FULLTEXT)
Ingredient data ready for 1993?
European Rubber Journal, p3
Feb, 1992
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 589

...   left to allow users to add costing information and other data: up
to three unique **product   identifiers** can be used.
     The information will be **stored** in a standard database format - dBase
III+/IV, which is fixed- **field** ASCII with header record. This will be
compatible with virtually all commercial database software.
     Eclipse...

DIALOG(R)File 148:Gale Group Trade & Industry DB

12634150   SUPPLIER NUMBER: 65637701   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**OneName Introduces a New, Open Platform for Sharing Information and Linking
  Data on the Internet.**
Business Wire, 0130
Oct 2, 2000
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 701   LINE COUNT: 00085

...   with a friend or
    business with as little as one mouse click. And they can **auto   fill
  forms** at any

XNS-enabled web site with a self-learning, "bottomless" digital wallet.

      -- Automated synchronization of profile **updates**
: Any time XNS data is
    exchanged, the information can be permanently linked. Updates can go
...

DIALOG(R)File 148:Gale Group Trade & Industry DB

11767110   SUPPLIER NUMBER: 57746633   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**HYDRAULICS MANUFACTURER PROCESSES ORDERS AND QUOTES FAST AND
  ERROR-FREE.(Brief Article)**
Dykeman, John B.
Managing Office Technology, 42, 11, 29
Nov, 1997
DOCUMENT TYPE: Brief Article   ISSN: 1070-4051   LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 572   LINE COUNT: 00051

...   Burlington, MA), which provides document management capability on
the LAN. Automating access and retrieval of **stored** data has virtually
eliminated the possibility of miskeying **product   numbers** , transposing
figures, or losing **forms** .
      Simplify enables coordinators to cut and paste data and text into the
order template. The...

04595162   SUPPLIER NUMBER: 08544666   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Lab notes; a further look at the new EISA standard for the PC bus.
   (extended industry standard architecture)
Rosch, Winn L.
PC Magazine, v9, n12, p349(5)
June 26, 1990
ISSN: 0888-8507   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3367   LINE COUNT: 00262

...   identify them.
     Each make and model of EISA expansion board is assigned a unique EISA
 Product   Identifier , which is **stored** on the board at input/output port
addresses 0C80h to 0C83h. The first 2 bytes **store** , in compressed **form** ,
a three-letter abbreviation that identifies the board manufacturer. (The
specific characters ISA are reserved...

12/3,K/43   (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02276489   SUPPLIER NUMBER: 54050591   (USE FORMAT 7 OR 9 FOR FULL TEXT)
CALL ACCOUNTING ROUNDUP.(Product Information)
HOLLYER, MARY
Teleconnect, 17, 2, 30(1)
March, 1999
ISSN: 0740-9354   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 9481   LINE COUNT: 00787

...   GUI) presentation, and navigation is done through simple point and
click operations. COMIT also utilizes **auto - filling   fields** to
eliminate entry of redundant information, and all COMIT databases are
updated via a single input. The COMIT System is a true multi-user,
multi-tasking system...

```
Set       Items    Description
S1          30     (SERIAL()NUMBER OR PRODUCT()KEY)(3N)(MEMOR? OR STORED OR S-
                   AVED)(5N)(REINSTALL? OR UPDAT?)
S2          21     S1 NOT PY>2001
S3          21     S2 NOT AD>20011124
File 340:CLAIMS(R)/US Patent 1950-03/Dec 04
         (c) 2003 IFI/CLAIMS(R)
File 342:Derwent Patents Citation Indx 1978-01/200361
         (c) 2003 Thomson Derwent
File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)
         (c) 2003 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2003/Nov W05
         (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20031203,UT=20031127
         (c) 2003 WIPO/Univentio
File 351:Derwent WPI 1963-2003/UD,UM &UP=200379
         (c) 2003  Thomson Derwent
```

DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

011794813   **Image available**
WPI Acc No: 1998-211723/199819
XRPX Acc No: N98-168166
  **Ink-jet printer for printing e.g. character, graphic on PCB - uses data
  processor to** update serial number **data** stored in serial number
  data storing unit, for every printing process of printer on PCB
Patent Assignee: ASAHI OPTICAL CO LTD (ASAO)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10058666	A	19980303	JP 96231313	A	19960813	199819	B

Priority Applications (No Type Date): JP 96231313 A 19960813
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10058666	A		8	B41J-002/01	

Abstract (Basic): JP 10058666 A
      The printer (14) is connected to a data processor (10) that
  processes printing data which should be forwarded to the ink-jet
  printer. A serial number data storing unit stores a series of serial
  number data. A serial data writing unit writes the serial number data,
  read from the serial number data storing unit, in the predetermined
  location of a printing data storing unit.
      The printing data are read from the printing data storing unit and
  printed on a PCB by the printer. The serial number data **stored** in the
  serial number data storing unit are **updated** for every printing
  process by the printer.
      ADVANTAGE - Raises manufacturing efficiency and reduces
  manufacturing cost of PCB.
      Dwg.1/5
Title Terms: PRINT; PRINT; CHARACTER; GRAPHIC; PCB; DATA; PROCESSOR; UPDATE
  ; SERIAL; NUMBER; DATA; STORAGE; SERIAL; NUMBER; DATA; STORAGE; UNIT;
  PRINT; PROCESS; PRINT; PCB
Index Terms/Additional Words: PRINTED; CIRCUIT; BOARD
Derwent Class: P75; T04; V04
International Patent Class (Main): B41J-002/01
International Patent Class (Additional): B41J-029/40; H05K-003/00;
  H05K-003/12
File Segment: EPI; EngPI

  ... **uses data processor to** update serial number **data** stored in
   serial number **data storing unit, for every printing process of printer
   on PCB**

  ...Abstract (Basic): data storing unit and printed on a PCB by the printer.
     The serial number data **stored** in the **serial number** data storing
     unit are **updated** for every printing process by the printer...

DIALOG(R)File 351:Derwent WPI
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011894968
WPI Acc No: 1998-311878/199827
Related WPI Acc No: 1996-300136; 1998-332788; 2000-205129; 2001-157928
XRPX Acc No: N98-244530
 **Software piracy control system in computer network such as WAN, LAN -
 compares received program corresponding to serial number stored in first
 memory, based on which data accessing of user is decided**
Patent Assignee: HILL & ASSOC INC CHARLES E (HILL-N)
Inventor: HILL C E
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5754864	A	19980519	US 92866867	A	19920410	199827	B
			US 95460913	A	19950605		
			US 96747275	A	19961112		

Priority Applications (No Type Date): US 92866867 A 19920410; US 95460913 A
 19950605; US 96747275 A 19961112
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5754864	A		31	G06F-009/00	Cont of application US 92866867
					Div ex application US 95460913
					Cont of patent US 5528490

Abstract (Basic): US 5754864 A
     The system includes a server arranged in a remote place, which
performs forwarding of data to several main computers connected in a
network. The specific program to be transmitted and its serial number
are **stored** in a first **memory** of the server. The program **serial**
number and the validation code for a specific program **updation**
corresponding to its **serial   number** are **stored** in a second **memory**
 of the main computer. The validity of the stored program is judged
based on the validation code.
     The **stored** program **updation** data and **serial   number** is
transmitted to the main computer from server. The received program
updation data is compared with that of the program **serial   number**
stored in the second **memory** . The **updation** of validation code is
carried out, when the compared program is judged to be different from
stored program. The validity of program stored in the second memory is
detected by a detector, based on validation code corresponding to each
serial number. The accessing of data stored in second memory is denied,
when the received program corresponding to serial number stored in the
first memory is judged to be invalid.
     USE - For satellite communication network.
     ADVANTAGE - Reduces communication error. Performs reliable data
protection. Improves software maintenance.
     Dwg.0/11
Title Terms: SOFTWARE; PIRACY; CONTROL; SYSTEM; COMPUTER; NETWORK; WAN; LAN
 ; COMPARE; RECEIVE; PROGRAM; CORRESPOND; SERIAL; NUMBER; STORAGE; FIRST;
 MEMORY; BASED; DATA; ACCESS; USER; DECIDE
Derwent Class: T01; W01
International Patent Class (Main): G06F-009/00
International Patent Class (Additional): G06F-017/60
File Segment: EPI

...Abstract (Basic): connected in a network. The specific program to be
 transmitted and its serial number are **stored** in a first **memory** of
 the server. The program **serial   number** and the validation code for a
 specific program **updation** corresponding to its **serial   number** are
 stored in a second **memory** of the main computer. The validity of the
 stored program is judged based on the...

...The **stored** program **updation** data and **serial   number** is
 transmitted to the main computer from server. The received program

updation data is compared with that of the program **serial number stored** in the second **memory** . The **updation** of validation code is carried out, when the compared program is judged to be different...

DIALOG(R)File 351:Derwent WPI
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013364787   **Image available**
WPI Acc No: 2000-536726/200049
XRPX Acc No: N00-397328
  Server computer for client-server system, updates   memory **with** serial
     number **provided by process demand, when process corresponding to
   process demand is completed**
Patent Assignee: NEC CORP (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000207342	A	20000728	JP 9910917	A	19990119	200049	B

Priority Applications (No Type Date): JP 9910917 A 19990119
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000207342	A		6	G06F-013/00	

Abstract (Basic): JP 2000207342 A
     NOVELTY - The server (21) has a memory (12) which stores data for
  identifying a client (11). Another memory (24) stores serial number to
  which the server corresponds to process demand transmitted from the
  client. When the process corresponding to process demand is completed,
  the **memory** (24) is **updated** with **serial   number** provided by the
  process demand.
     DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
  client computer processing program stored in recording medium.
     USE - For client-server system.
     ADVANTAGE - When process switching is performed to the server for
  standby, the necessity of client to re-perform the process from the
  beginning is eliminated.
     DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
  client-server system.
     Client (11)
     Memories (12,24)
     Server (21)
     pp; 6 DwgNo 1/3
Title Terms: SERVE; COMPUTER; CLIENT; SERVE; SYSTEM; UPDATE; MEMORY; SERIAL
 ; NUMBER; PROCESS; DEMAND; PROCESS; CORRESPOND; PROCESS; DEMAND; COMPLETE
Derwent Class: T01
International Patent Class (Main): G06F-013/00
International Patent Class (Additional): G06F-011/20; G06F-015/177
File Segment: EPI
  Server computer for client-server system, updates   memory **with** serial
     number **provided by process demand, when process corresponding to
   process demand is completed**

Abstract (Basic):
...   demand transmitted from the client. When the process
  corresponding to process demand is completed, the **memory** (24) is
  updated with **serial   number** provided by the process demand.

DIALOG(R)File 348:EUROPEAN PATENTS
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01115622
Information processing apparatus and method, and medium that provides a program implementing the method
Informationsverarbeitungapparat und -verfahren, sowie Trager, der ein Programm welches das Vefahren implementiert ,zur Verfugung stellt
Methode et appareil pour le traitement d'information, et support contenant un programme qui implemente cette methode
PATENT ASSIGNEE:
  SONY CORPORATION, (214025), 6-7-35 Kitashinagawa Shinagawa-ku, Tokyo 141, (JP), (Applicant designated States: all)
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PATENT (CC, No, Kind, Date): EP 977205 A1 000202 (Basic)
APPLICATION (CC, No, Date):   EP 99305864 990723;
PRIORITY (CC, No, Date): JP 98210864 980727
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G11C-007/00; G11B-023/087; G11B-015/07

ABSTRACT EP 977205 A1
  When a video cassette having a tag adhered thereto is mounted on the information processing apparatus or brought to a position within a predetermined distance therefrom, a read-writer reads a serial number from the tag and determines whether the read serial number has already been stored in a memory. If the determination has proved that the serial number has been stored in the memory, the read-writer reads current update history data from the tag and determines whether the read current update history data coincides with the update history data that has been stored in the memory. When it has been determined that the current update history data does not coincide with that stored in the memory, the read-writer reads whole data from the tag 2 and stores the read data in the memory, from which the data is read so as to be processed. In contrast, when it has been determined that the current update history data coincides with that stored in the memory, the read-writer reads whole data of the tag from the memory and processes the read data, instead of reading the data from the tag.
ABSTRACT WORD COUNT: 189
NOTE:
  Figure number on first page: 6

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Examination: 000830 A1 Date of request for examination: 20000704
 Application: 20000202 A1 Published application with search report
 Withdrawal: 020515 A1 Date of withdrawal of application: 20020325
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
     CLAIMS A (English)   200005   355
     SPEC A   (English)   200005   3574
Total word count - document A   3929
Total word count - document B   0
Total word count - documents A + B 3929

...SPECIFICATION the information processing apparatus comprising: storage means for storing in advance the data including the **serial   number** and data **update** history information which has been **stored** in the storage device; reading means for reading the serial number and the current data update history information from the storage device; comparing means for comparing the **serial   number** and the current data **update** history

information read by the reading means with the **serial number** and the data **update** history information which have been **stored** in the storage means; and processing means for executing processing of the data in accordance...

...of this information processing apparatus, the storage means stores in advance the data including the **serial number** and data **update** history information which has been **stored** in the storage device, and the reading means reads the serial number and the current...

...data update history information read by the reading means from the storage device with the **serial number** and the data **update** history information which have been **stored** in the storage means. The processing means then executes processing of the data in accordance...

...information, the processing method comprising the steps of: storing in advance the data including the **serial number** and data **update** history information which has been **stored** in the storage device; reading the **serial number** and the current data **update** history information from the storage device; comparing the **serial number** and the current data **update** history information read in the reading step with the **serial number** and the data **update** history information **stored** in the storing step; and executing processing of the data in accordance with the result...

...history information, the program comprising the steps of: storing in advance the data including the **serial number** and data **update** history information which has been **stored** in the storage device; reading the **serial number** and the current data **update** history information from the storage device; comparing the **serial number** and the current data **update** history information read in the reading step with the **serial number** and the data **update** history information **stored** in the storing step; and executing processing of the data in accordance with the result ...of the comparison.

In accordance with the second and third aspects, the data including the **serial number** and data **update** history information which have been **stored** in the storage device are stored in the storing step, and the serial number and...

...history information read in the reading step are compared in the comparing step with the **serial number** and the data **update** history information **stored** in the storing step. The executing step then executes processing of the data in accordance...

...information, has the following components: storage means for storing in advance the data including the **serial number** and data **update** history information which has been **stored** in the storage device; reading means for reading a serial number and current data update history information from the storage device; comparing means for comparing the **serial number** and the current data **update** history information read by the reading means with the **serial number** and the data **update** history information which have been **stored** in the storage means; and processing means for executing processing of the data in accordance...to read the 64-byte data from the media information area 52 in which the **serial number** 61 and the **update** history data 62 are **stored** .

In the case where the serial number 61 or the current update history data 62...

...carried by a tag are stored in advance in a storage means such as a **memory** , and are compared with the **serial number** and current data **update** history information that are read from the tag, followed by processing of the data. It...

...CLAIMS said information processing apparatus comprising:
storage means for storing in advance the data including the **serial number** and data **update** history information which has been **stored** in said storage device;
reading means for reading the serial number and current data update history information from said storage device;

comparing means for comparing the **serial** **number** and the current data **update** history information read by said reading means with the **serial** **number** and the data **update** history information which have been **stored** in said storage means; and
processing means for executing processing of said data in accordance...

...information, said processing method comprising the steps of:
storing in advance the data including the **serial** **number** and data **update** history information which has been **stored** in said storage device;
reading the **serial** **number** and current data **update** history information from said storage device;
comparing the **serial** **number** and the current data **update** history information read in said reading step with the **serial** **number** and the data **update** history information **stored** in said storing step; and
executing processing of said data in accordance with the result...

...history information, said program comprising the steps of:
storing in advance the data including the **serial** **number** and data **update** history information which has been **stored** in said storage device;
reading the **serial** **number** and current data **update** history information from said storage device;
comparing the **serial** **number** and the current data **update** history information read in said reading step with the **serial** **number** and the data **update** history information **stored** in said storing step; and
executing processing of said data in accordance with the result...